

**FIGURE 1**

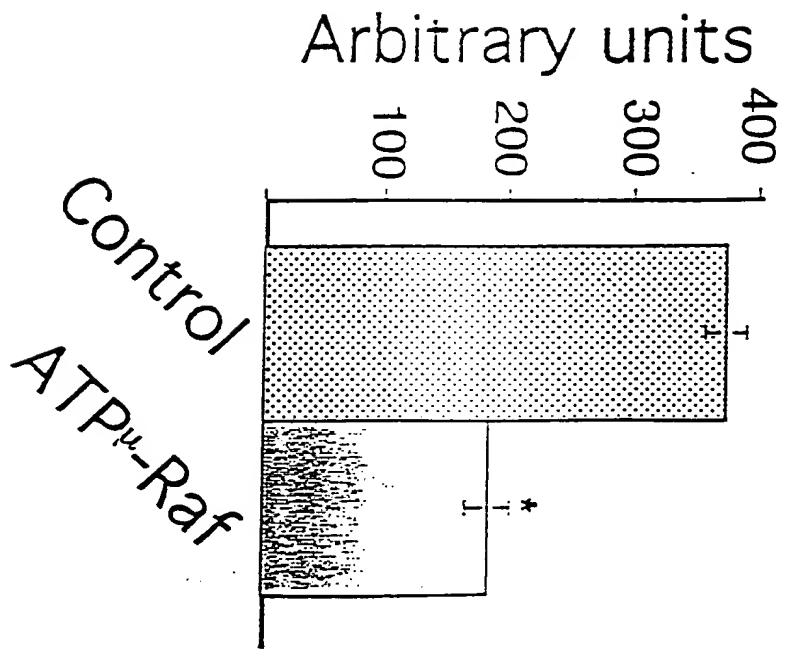
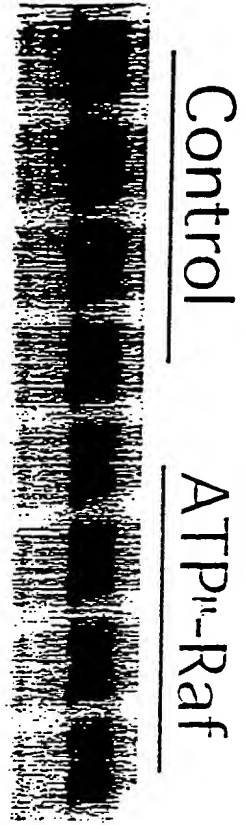
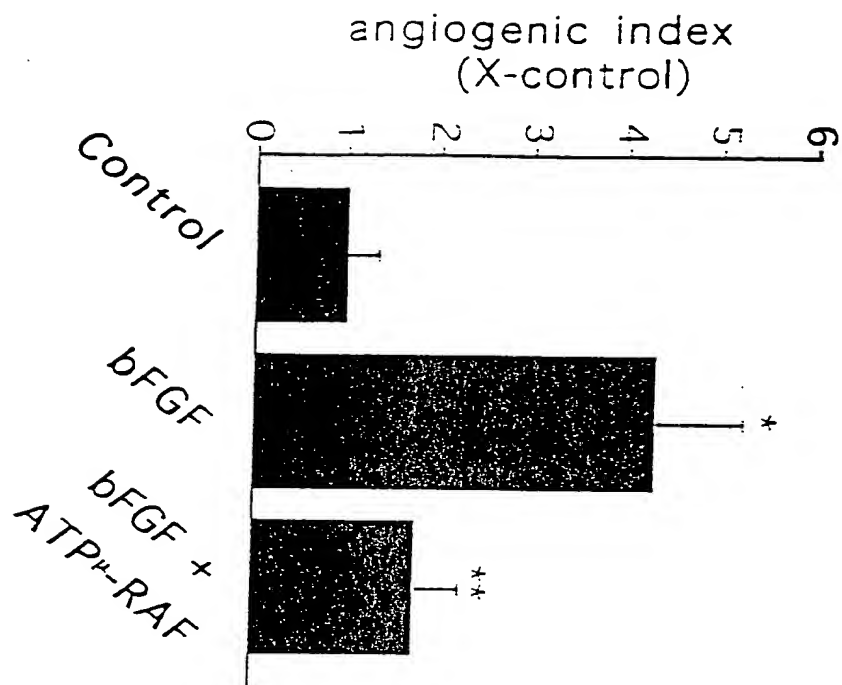


FIGURE 2

A



B

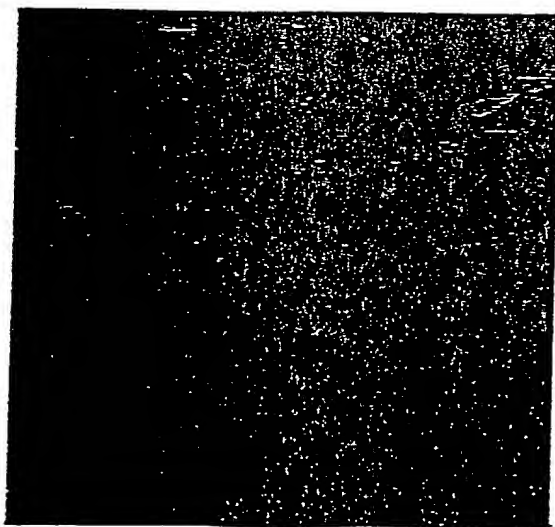
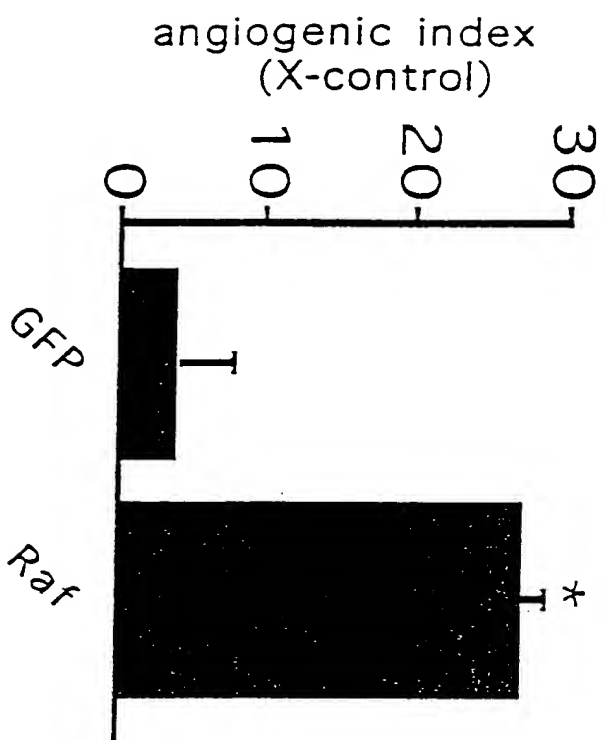


FIGURE 3

A



B

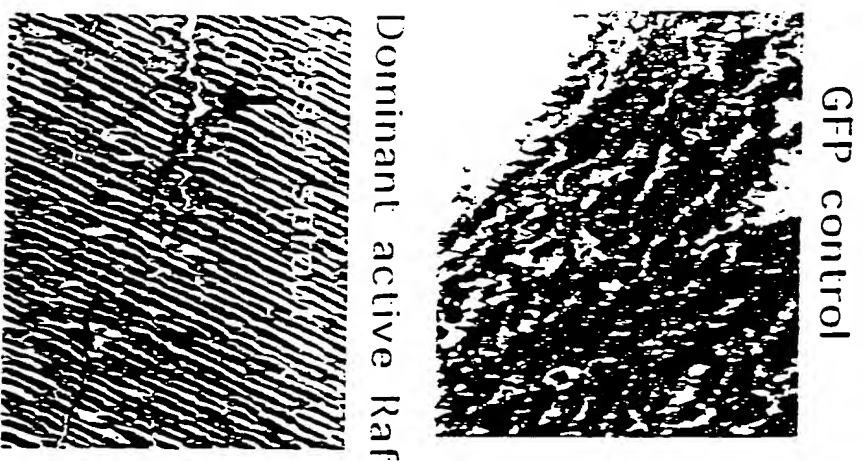
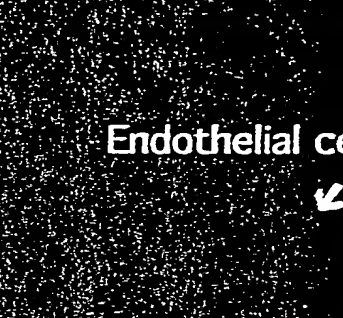


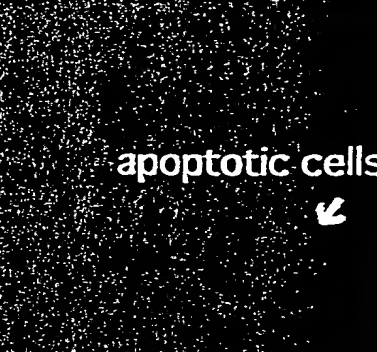
FIGURE 4

A high-magnification micrograph showing a dense field of small, dark, granular cells. The cells are closely packed and exhibit a granular texture. A white arrow points to a specific cell in the lower right quadrant of the image. The text "Endothelial cells" is printed in white in the upper right area of the image.

Endothelial cells



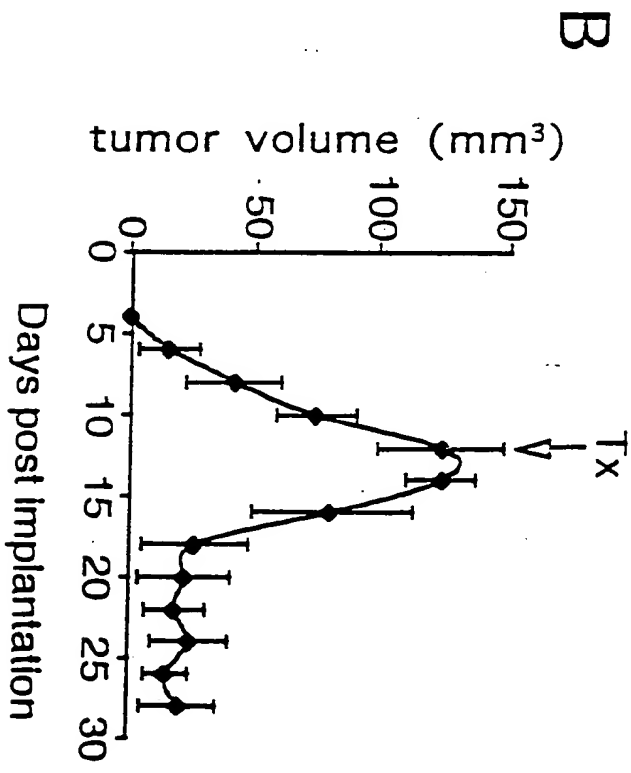
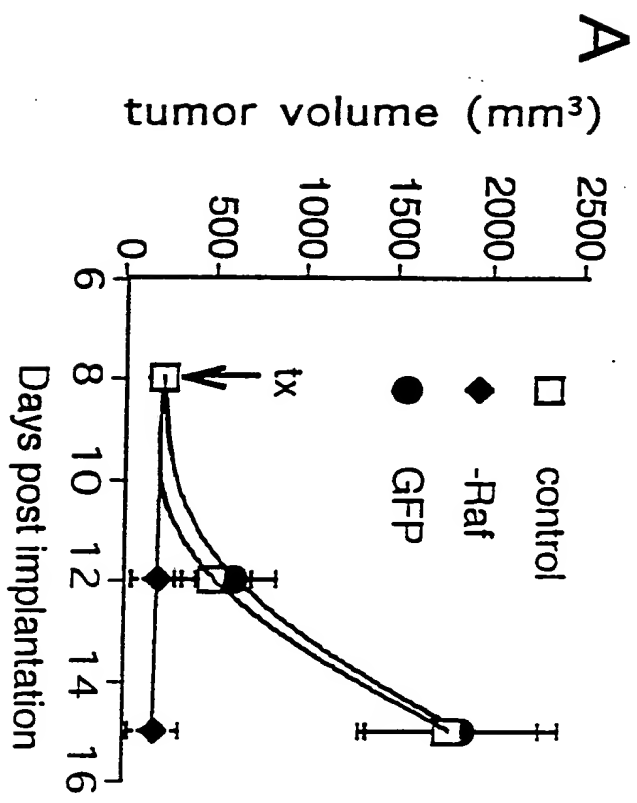
infected cells



apoptotic cells

infected, apoptotic ECs

**SECRET**



**FIGURE 6**

# HUMAN c-RAF cDNA

ccgaatgtgaccgctcccgtccctcaccgcccgcggggaggaggagcgggcgagaagctgccgccgaacgacaggacg  
 ttggggcgccctggtccctcagggttaagaattgtttaagctgcatcaatggagcacatacagggagcttggaagacga  
 tcagcaatggtttgattcaaagatgccgtgttgatggctccagctgcatctctctacaatagttcagcagttggc  
 tatcagcggccgggcatcagatgatggcaaacacagatccttctaagacaagcaaacactatccgtgtttcttgcgaa  
 caagcaaagaacagtggtcaatgtgcaaatggaatgagcttgcatgactgccttatgaaagcactcaaggtgaggggccc  
 tgcaaccagagtgctgtgcagtggtcagacttctccacgaacacaaaggtaaaaaagcacgcttagattggaatactgat  
 gctgctgtttgattggagaagaactcaagtagatttctggatcatgttccctcacaacacacaactttgctcggaa  
 gacgttctgaagctgccttctgtgacatctgtcagaaatcctgctcaatggatttcgatgtcagacttggtgctaca  
 aatttcagcagctgtagcaccaaagtacctactatgtgtgtgactggagtaacatcagacaactcttattgttcca  
 aattccactattgtgtatagtgaggctccagcactaccttcttactatgctgctgtatgcgagagtcgtttccaggat  
 gcctgttagttctcagcacagatattctacacctcagccttcacctttaacacctccagtcctcatctgaaggttccc  
 tctcccagaggcagaggtgcacatccacacctaatgtccacatggtcagcaccacgctgcctgtggacagcaggatgatt  
 gaggatgcaattcgaagtcacagcgaatcagcctcaccctcagccctgtccagtagccccaacaatctgagcccaacagg  
 ctggtcacagccgaaaacccccgtgccagcacaaagagagcggggcaccagtatctgggaccagggagaaacaaataa  
 ggctcctgtggacagagagattcaagctattatgggaaatagaagccagtgaaagtgtgctgacctcggatgggtca  
 ggctcttttggaactgtttataagggtaaatggcacggagatgttgtagtaaatcctaaagggttgcgaccaccccc  
 agagcaattccaggccttcaggatgaggtggctgttctcgcgaaaacacggcatgtgaacattctgctttcattgggtt  
 acatgacaaaggacaacctggcaattgtgacctagtggtgcgagggcagcagcctctacaaacacctgcatgtccaggag  
 accaagtttcagatgttccagctaatgacattgccgggcagacggctcaggggaatggactatttgcatgcaagaacat  
 catccatagagacatgaaatccaacaatatatttctccatgaaggcttaacagtgaaaattggagattttggttggcaa  
 cagtaaaagtcacgctggagtggttctcagcaggttgaacaacctactggctctgtcctctggtatggccccagaggtgatc  
 cgaatgcaggataacaacccattcagttccagtcggatgtctactcctatggcatctattgtatgaactgatgacggg  
 ggagcttcttattctcacatcaacaaccgagatcagatcatcttcatgttggggccgaggatgctctcccagatctta  
 gtaagctatataagaactgccccaaagcaatgaagaggctggtagctgactgtgtgaagaaagtaaaaggaaagagaggcct  
 cttttcccagatcctgtcttccattgagctgtcacaactctctaccgaagatcaaccggagcgttccgagccatc  
 ctgcatcgggcagcccacactgaggatataatgcttgcacgctgaccacgtccccgaggctgcctgtcttctagttga  
 ctttgacctgtcttcaggctgccaggggaggaggagaagccagcagggcaccactttctgctcccttctccagaggca  
 gaacacatgtttcagagaagctctgtaaggaccttctagactgtctcacagggccttaacttcatgttgccttcttct  
 tatccctttgggcctgggagaagggaagccattgagtgctggtgtgtctgctccctccccacattccccatgctcaa  
 ggcccagcctctgtagatgcgcaagtggatgttgatgttagtataaaaagcagggggcccagcccagctgttggctaca  
 tgagtatttagaggaagtaaggttagcagggcagtcacgcccgtatgtggagacacatgggattttggaatcagcttctgg  
 aggaatgcatgtcacaggcgggactttctcagagagtggtgcagcggcagacatttgcacataaggcaccacaaacagcc  
 caggactgccgagactctggccgcccgaaggagcctgcttgggtactatggaacttttcttaggggacacgtcctcctt  
 cacagcttctaaggtgtccagtgcatgggatgtttccagggaaggcactcggccaatccgcatctcagccctctcag  
 gagcagcttccatcatgtgaattttgtcttccaggagctgcccctatggggcggggccgagggccagcctgttctct  
 aacaaacaaacaaacaaacagccctgtttcttagtcacatcatgtgtatacaaggaagccaggaatacaggtttcttg  
 atgatttgggtttaattttgttttattgcacctgacaaaatacagttatctgatggtccctcaattatgtatttttaa  
 taaaataaattaaattt

FIGURE 7

# HUMAN c-RAF ENCODED PROTEIN

MEHIQGAWKTISNGFGFKDAVFDGSSCISPTIVQQFGYQRRASDDGKLT  
PSKTSNTIRVFLPNKQRTVVNVRNGMSLHDCLMKALKVRGLQPECCAV  
FRLLHEHKGKKARLDWNTDAASLIGEELQVDFLDHVPLTTHNFARKTFL  
KLAFCDICQKFLNGFRCQTCGYKFHEHCSTKVPTMCVDWSNIRQLLLFP  
NSTIGDSGVPALPSLTMRMRRESVSRMPVSSQHRYSTPHAFTFNTSSPS  
SEGSLSQQRSTSTPNVHVMVSTTLPVDSRMIEDAIRSHSESASPSALSSS  
PNNLSPTGWSQPKTPVPAQRERAPVSGTQEKNKIRPRGQORDSSYYWEIE  
ASEVMLSTRIGSGSFGTVYKGKWHGDVAVKILKVVDPTPEQFQAFRNE  
VAVLRKTRHVNILLFMGYMTKDNLAIVTQWCEGSSLYKHLHVQETKF  
QMFQLIDIARQTAQGMDYLHAKNIIHRDMKSNNIFLHEGLTVKIGDFGL  
ATVKSRWSGSQQVEQPTGSVLWMAPEVIRMQDNNPFSFQSDVYSYGIV  
LYELMTGELPYSHINNRDQIIFMVGRGYASPDLSKLYKNCPKAMKRLVA  
DCVKKVKEERPLFPQILSSIELLQHSLPKINRSASEPSLHRAAHTEDINAC  
TLTTSRRLPVF

## FIGURE 8

09637302-081100



09637302-081100  
001180-2084E960

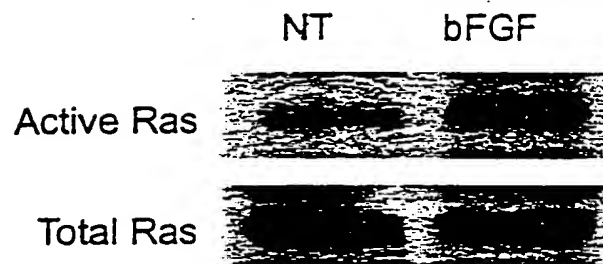


FIGURE 9

00637302-081100

atgacggaatataagctggtggtggtggcgccggcggtgtgggcaagagtgcgtgaccatccagctgatccagaacca  
tttgtggacgaatacgaccccactatagaggattcctaccggaagcaggtggtcattgatggggagacgtgcctgttgg  
acatcctggataccgcccggcaggaggagtacagcgccatgcccggaccagtacatgcgcaccggggagggttcctgtgt  
gtgtttgcatcaacaacaccaagtctttgaggacatccaccagtacaggagcagatcaaacgggtgaaggactcggga  
tgacgtgcccattggtgctggtggggaacaagtgtgacctggctgcacgactgtggaatctcggcagggtcaggacctcg  
ccgaagctacggcatcccctacatcgagacctcgcccaagacccggcaggggagtggaggatgccttctacacgttgggtg  
cgtgagatccggcagcacaagctgcggaagctgaacctcctgatgagagtggccccggctgcatgagctgcaagtgtgt  
gctctctga

FIGURE 10

DOTS0" 20E2E960

MTEYKLVVVGAGGVGKSALTIQLIQNHFVDEYDPTIEDSY  
RKQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLC  
VFAINNTKSFEDIHQYREQIKRVKDSDDVPMVLVG NKCDL  
AARTVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLV  
REIRQHKLRKLNPPDESGPGCMSCKCVLS

FIGURE 11

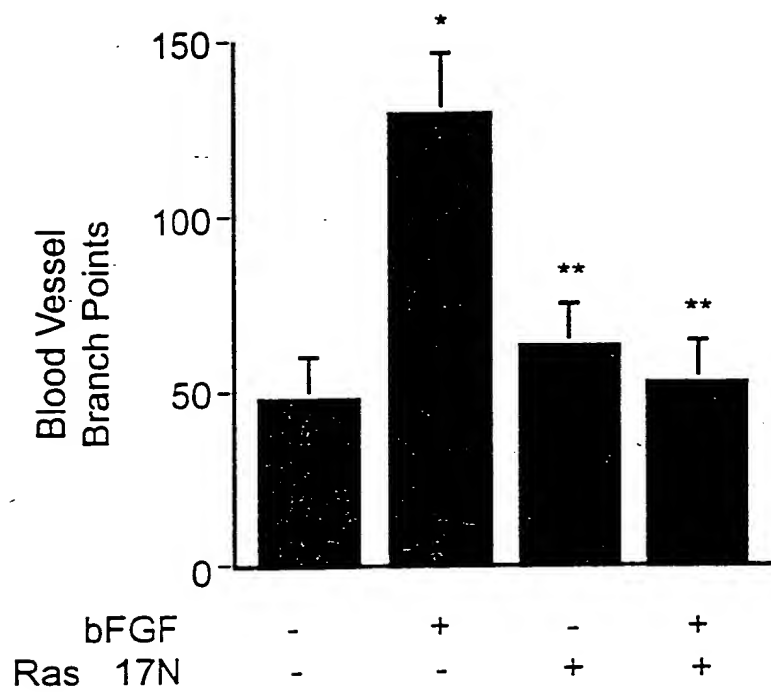


FIGURE 12

## Ras Effector Mutants

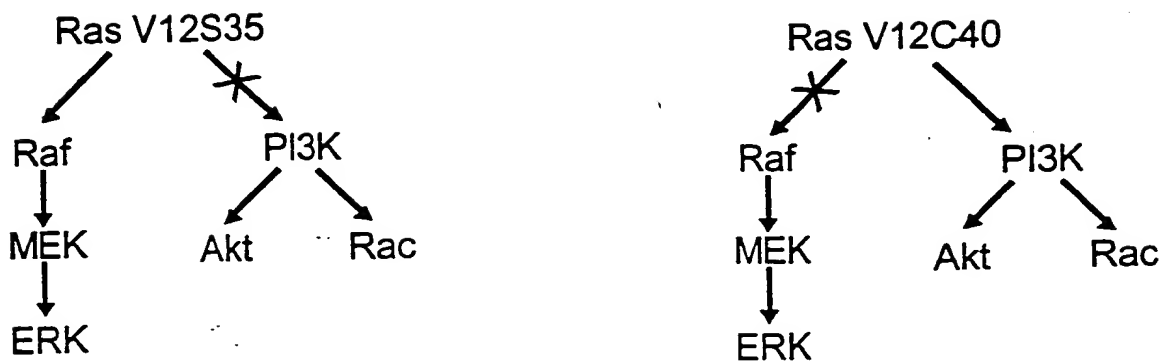


FIGURE 13A

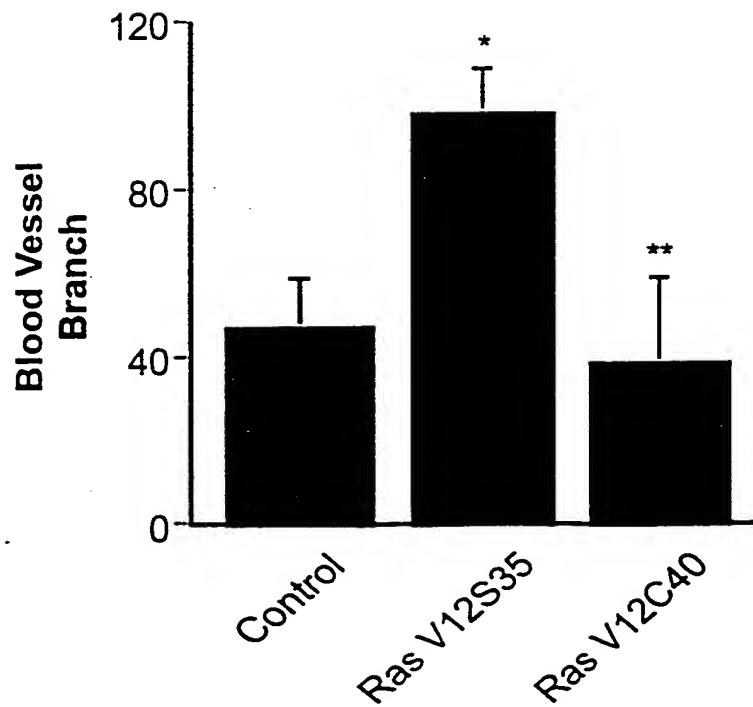


FIGURE 13B

001180-20E2E960



00100 "20E2E960

MEHIQGAWKTISNGFGFKDAVFDGSSCISPTIVQQFGYQR  
RASDDGKLTDPSTNTIRVFLPNKQRTVVNVNRNGMSLHD  
CLMKALKVRGLQPECCAVFRLLEHKGKKARLDWNTDAAS  
LIGEELQVDFLDHVPLTTHNFARKTFLKLAFCDICQKFL  
NGFRCQTCGYKFHEHCSTKVPTMCVDWSNIRQLLLFPNST  
IGDSGVPALPSLTMRMRRESVSRMPVSSQHRYSTPHAFTF  
NTSSPSSEGSLSQRQRSTSTPNVHMVSTTLPVDSRMIEDA  
IRSHSESASPSALSSSPNNLSPTGWSQPKTPVPAQRERAP  
VSGTQEKNKIRPRGQRDSSYYWEIEASEVMLSTRIGSGSF  
GTVYKGKWHGDVAVKILKVVDPTPEQFQAFRNEVAVLRKT  
RHVNILLFMGYMTKDNLAIVTQWCEGSSLYKHLHVQETKF  
QMFQLIDIARQTAQGMDYLHAKNIIHRDMKSNNIFLHEGL  
TVKIGDFGLATVKSRWSGSQQVEQPTGSVLWMAPEVIRMQ  
DNNPFSFQSDVYSYGIVLYELMTGELPYSHINNRDQIIFM  
VGRGYASPDLSKLYKNCPKAMKRLVADCVKKVKEERPLFP  
QILSSIELLQHSLPKINRSASEPSLHRAAHTEDINACTLT  
TSPRLPVFYSFLPFFFFFFSFCTPSTF

FIGURE 15

001100 20E2E960

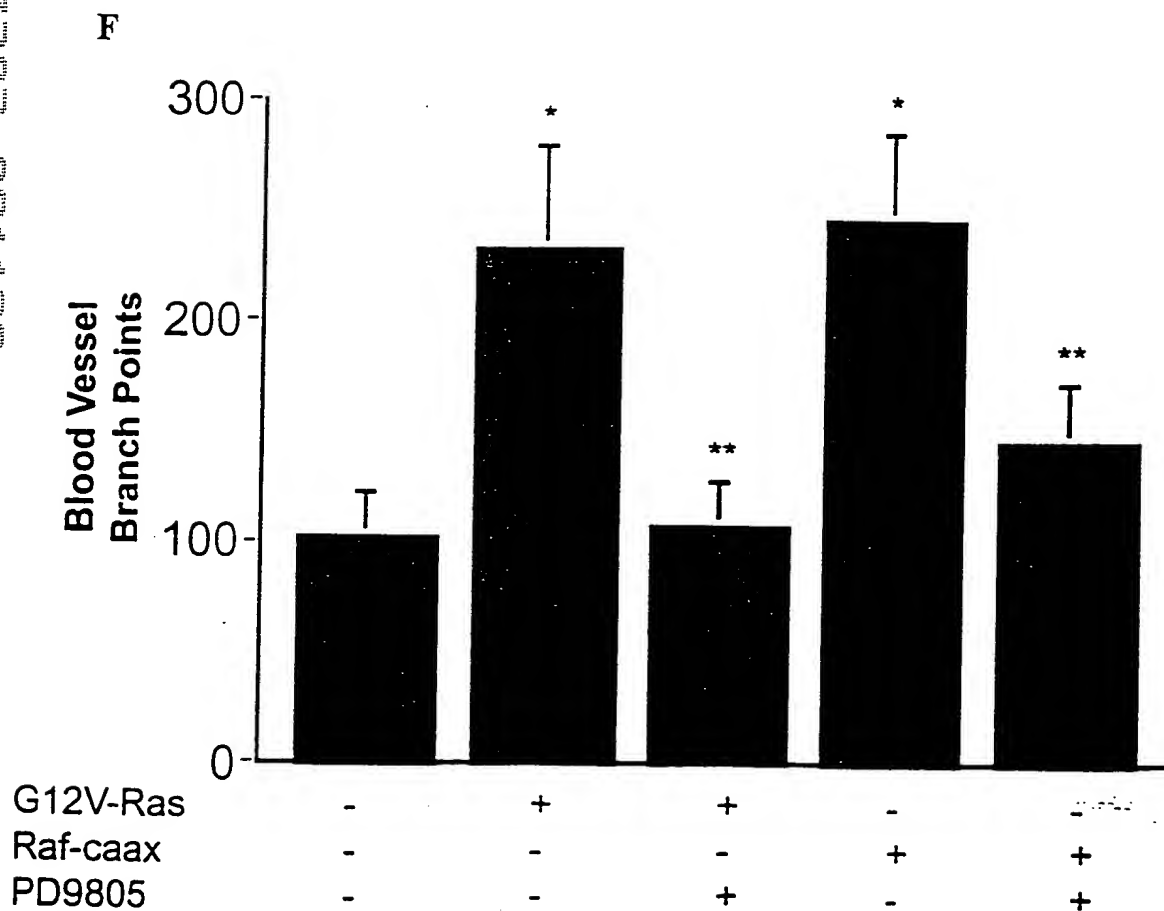
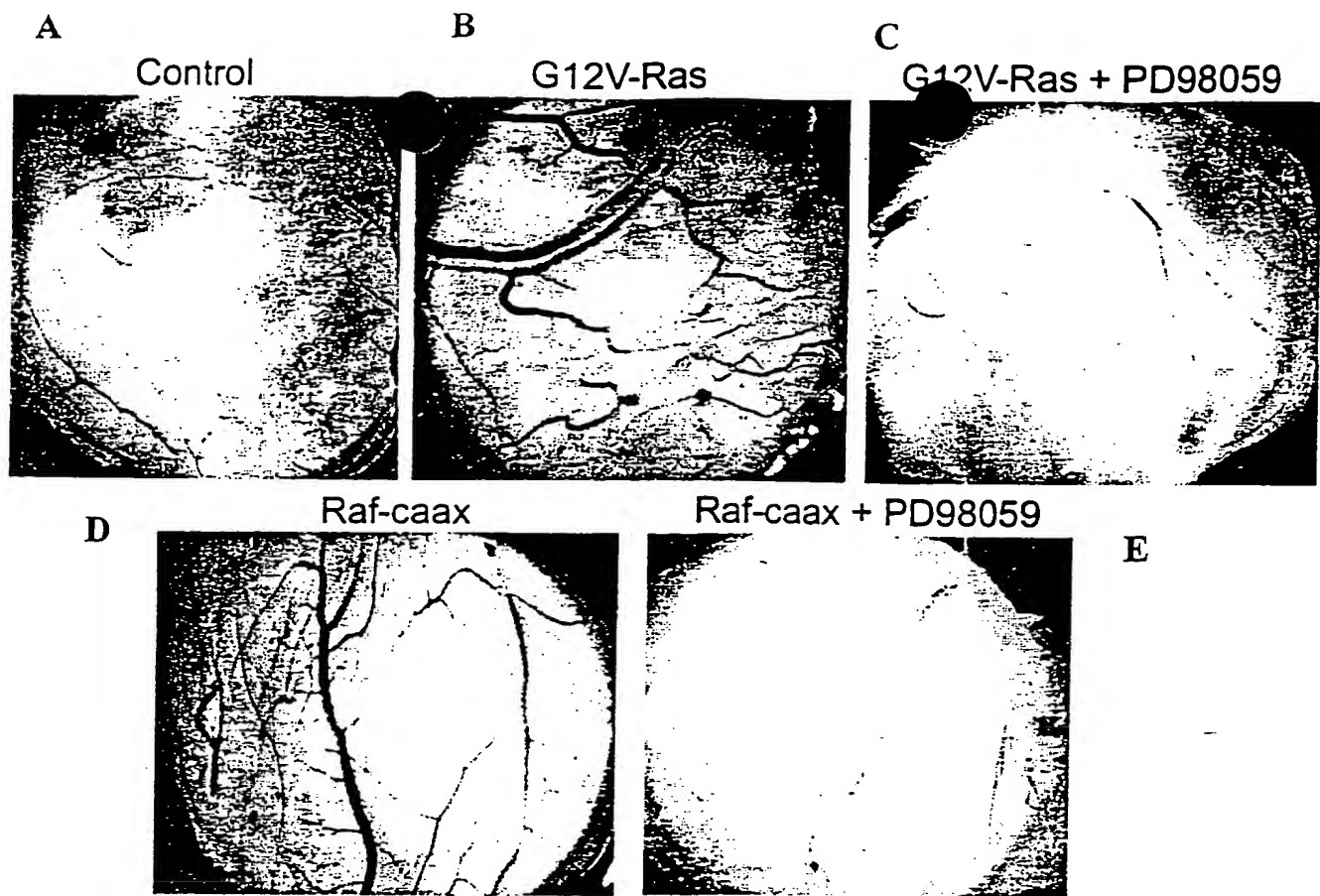
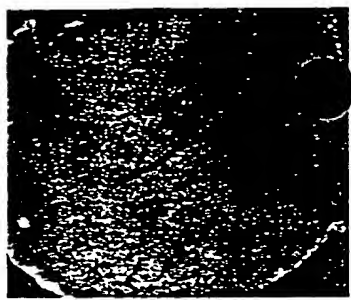


FIGURE 16

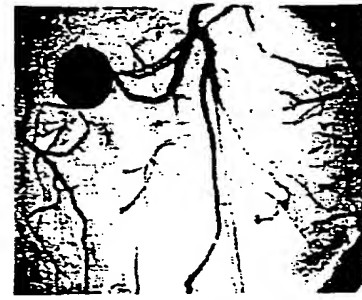




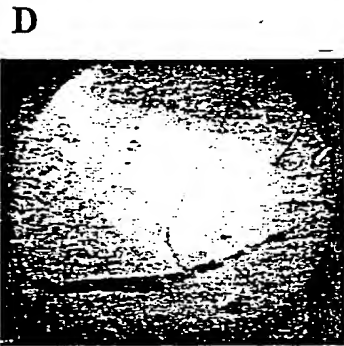
bFGF



G12V-Ras



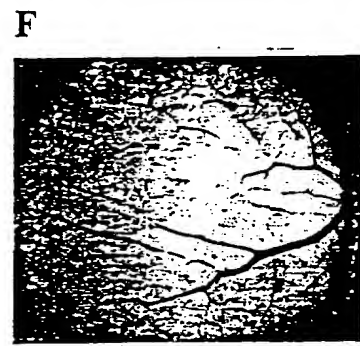
Raf-caax



bFGF +  
anti- $\alpha_v\beta_3$



G12V-Ras +  
anti- $\alpha_v\beta_3$



Raf-caax +  
anti- $\alpha_v\beta_3$

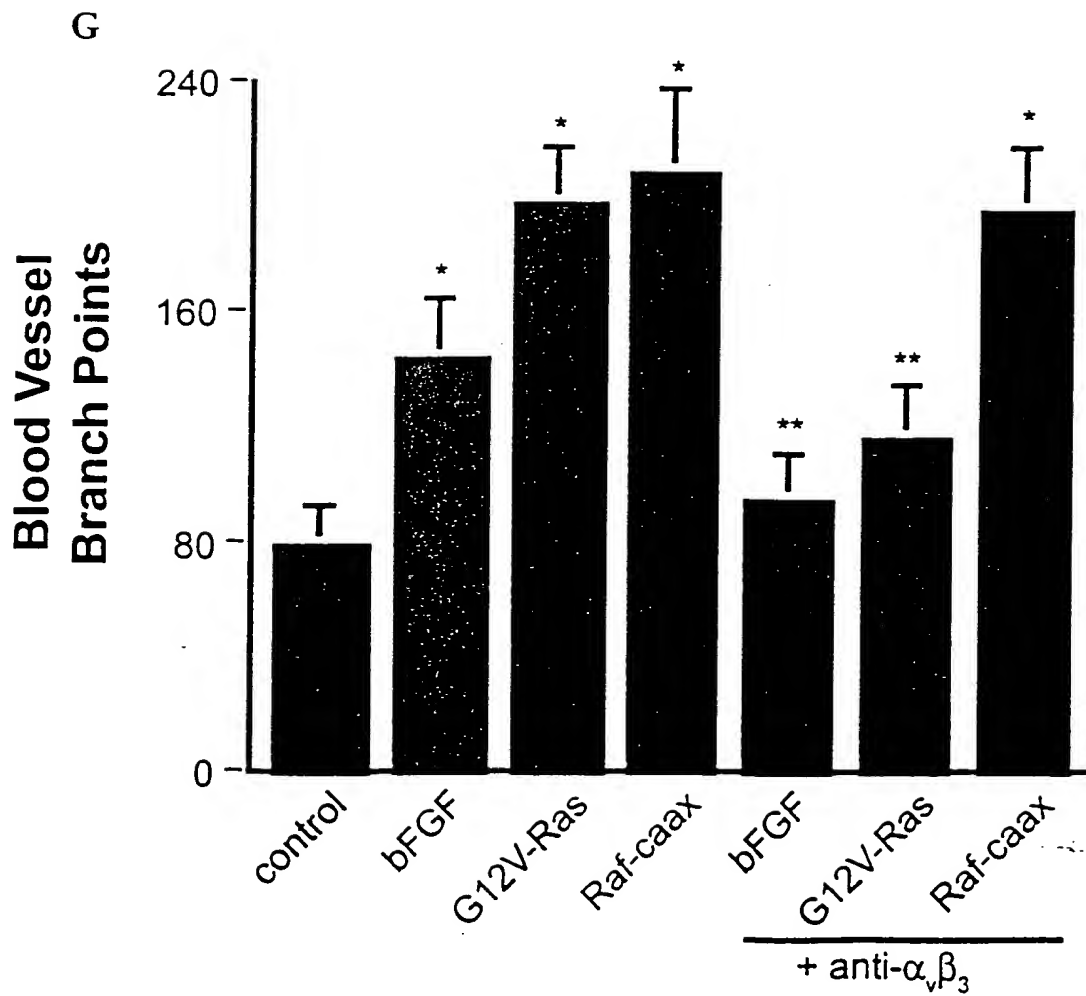


FIGURE 17

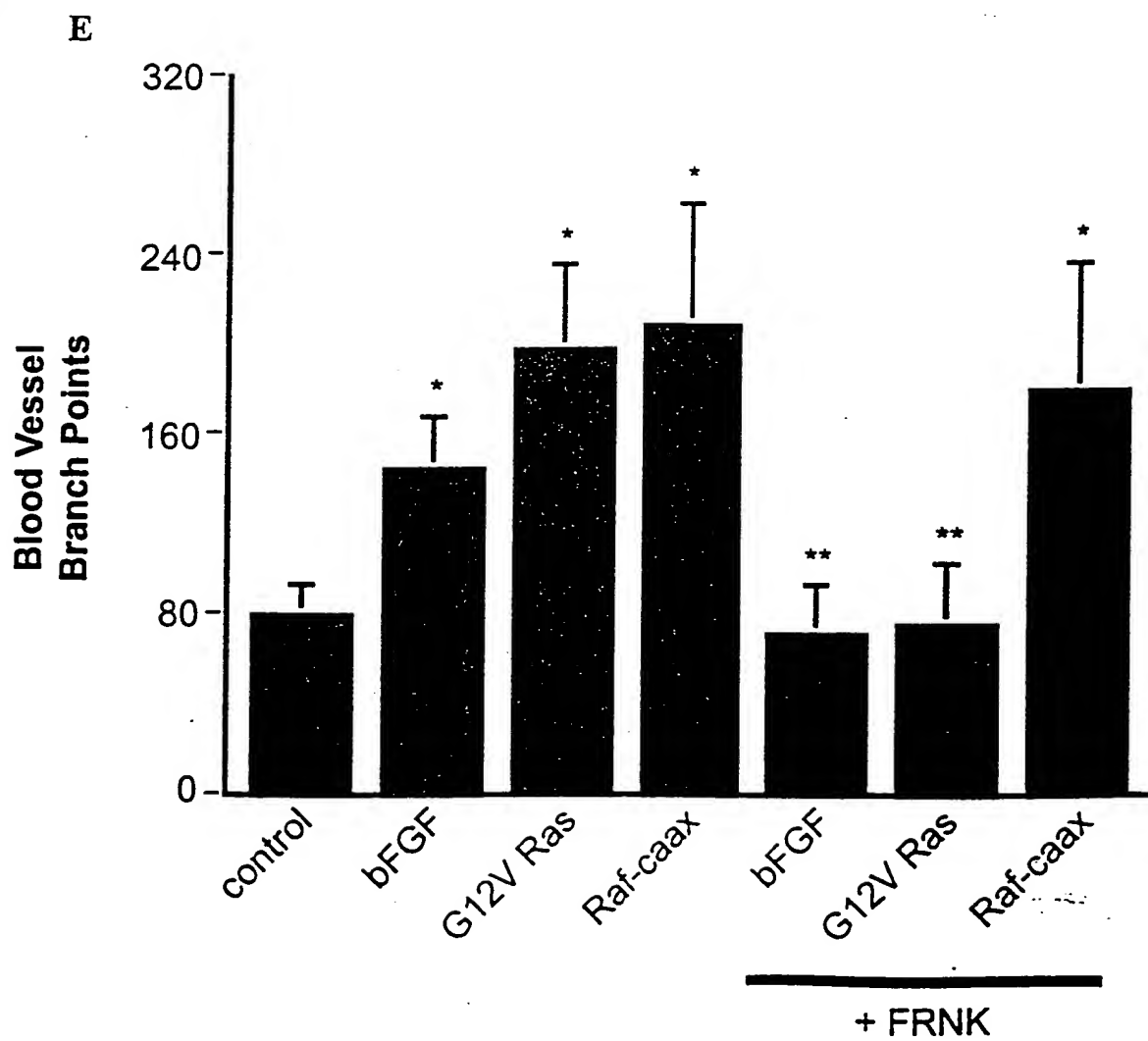
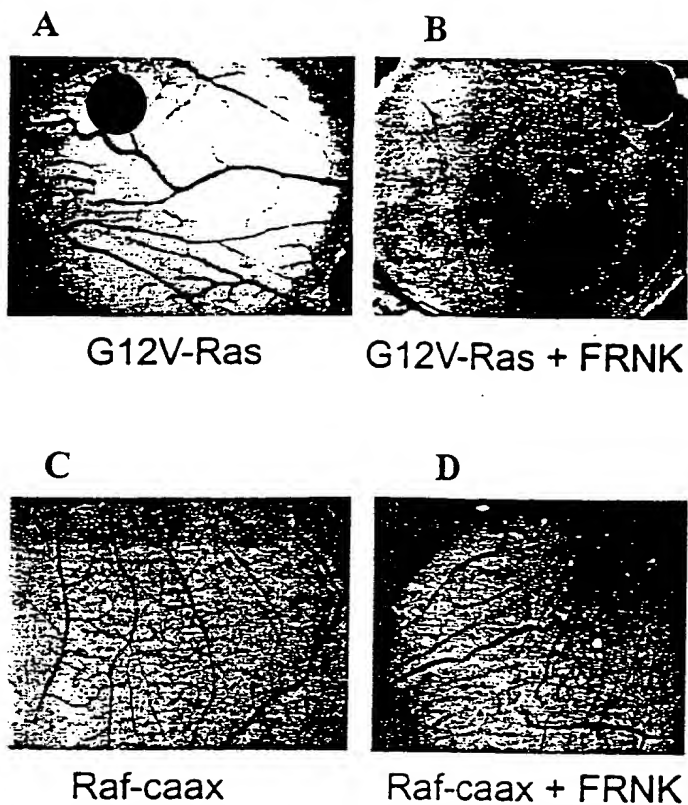
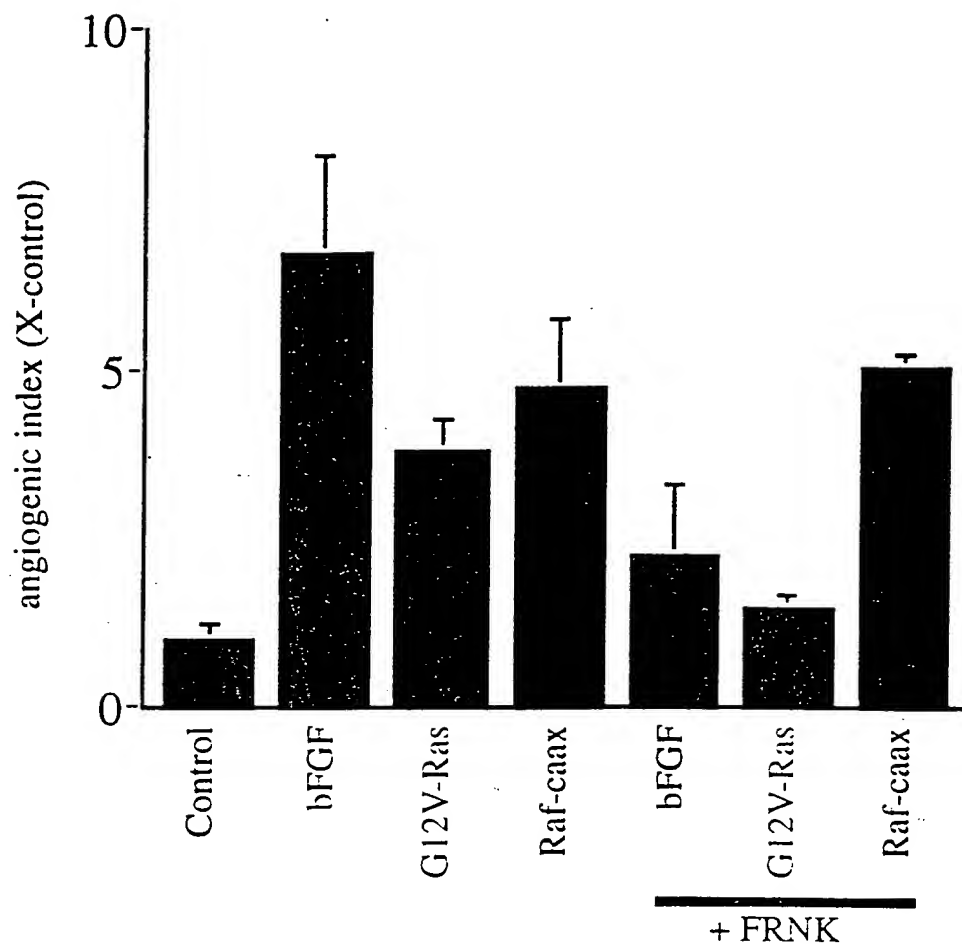


FIGURE 18

A



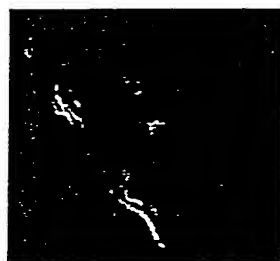
B

bFGF



C

G12V-Ras



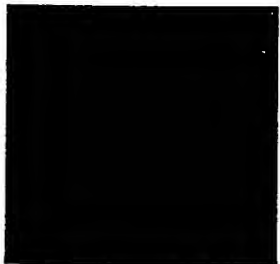
D

Raf-caax



+ empty vector

E



F



G



+ FRNK

FIGURE 19

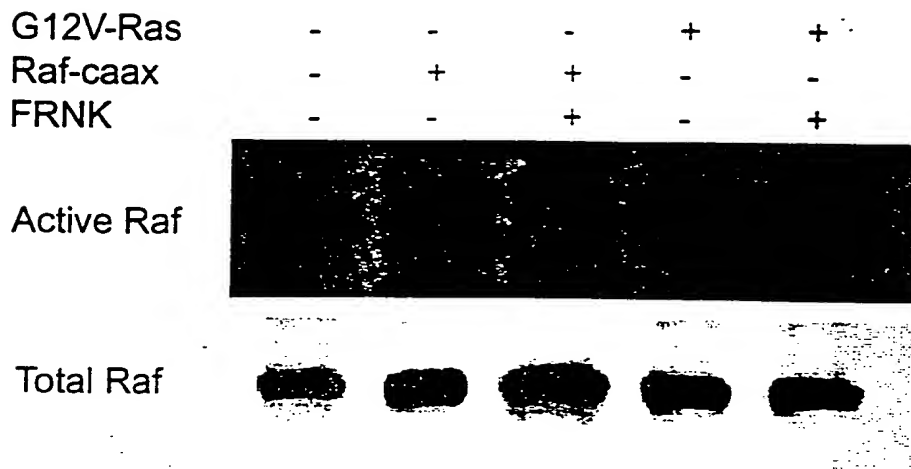


FIGURE 20A

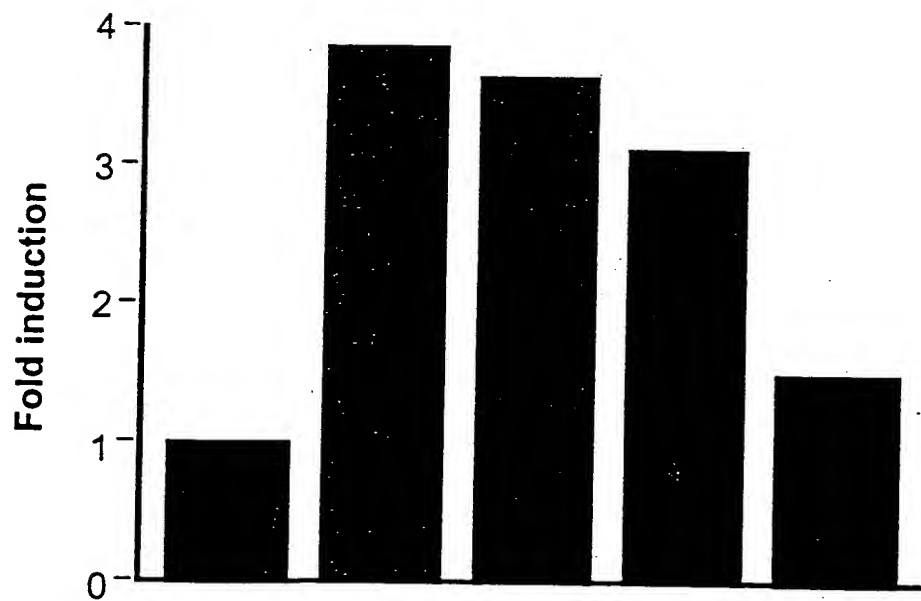


FIGURE 20B